



ADULT MEDICATION GUIDELINE

Midodrine

Scope (Staff): All WNHS Staff

Scope (Area): Obstetrics and Gynaecology

This document should be read in conjunction with the [Disclaimer](#).

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Medication Class

Drugs for orthostatic hypotension: alpha₁ agonist

Presentation

Tablet: 5 mg

Storage

Store at room temperature, below 25°C

Dose

Under the direction of the anaesthetist only

Postoperative hypotension

Oral:

Initial loading dose of 20 mg in Recovery (PACU) – may be withheld at the discretion of the anaesthetist.

After a minimum of 2 hours following the initial loading dose, commence 10 mg every 4 hours.

The optimal interval to begin regular dosing should be 3 to 4 hours. **A maximum of 70 mg is**

permitted in the first 24 hours post-op (inclusive of 20 mg loading dose). Cease midodrine at 48 hours post-op.

Refer to FSH Procedure [Midodrine for postoperative hypotension](#) (Appendix 2) for a sample prescription.

Administration

Oral

Tablets may be taken with or without food and can be crushed.

Monitoring

Expect a gradual effect within an hour (can last up to 6 hours).

Monitor SBP (withhold if > 130 mmHg), CrCl (contraindicated if < 30 mL/minute or in AKI), urinary retention, visual disturbance (in patients with a history of vision disorders) and bradycardia.

Continue 4 hourly core physiological observations (after completion of post-op observations) as a minimum for the duration of midodrine treatment.

Pregnancy

TGA Category C

Animal reproduction studies showed no teratogenic effects. At maximal human dose based on body surface area, embryo resorptions and reduced fetal weights and survival were observed. Diffusion across the placenta has been reported.

One case report has described use of midodrine in pregnancy, with a normal infant born after exposure.

For more information, please contact [KEMH Obstetric Medicines Information Service](#).

Breastfeeding

Caution, insufficient data

NO data are available on transfer into human milk, but some would be expected based on its small molecular weight and lipophilicity

Infants should be monitored for insomnia, excitement and restlessness

For more information, please contact [KEMH Obstetric Medicines Information Service](#).

Related Policies, Procedures & Guidelines

Fiona Stanley Fremantle Hospitals Group. [Midodrine for postoperative hypotension](#).

Sir Charles Gairdner Osborne Park Health Care Group. [Midodrine and Post-Operative Hypotension](#)
 Royal Perth Bentley Group. [Perioperative Midodrine Administration Clinical Guideline Scope](#).

References

Sir Charles Gairdner Osborne Park Health Care Group. [Midodrine and Post-Operative Hypotension](#). [cited 2022 Sep 05].

Fiona Stanley Fremantle Hospitals Group. [Midodrine for postoperative hypotension](#). [cited 2022 Sep 05].

Royal Perth Bentley Group. [Perioperative Midodrine Administration Clinical Guideline Scope](#).

Australian Medicines Handbook. Midodrine. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2022 [cited 2022 Sep 05]. Available from: <https://amhonline.amh.net.au/>

MIMS Australia. Vasodrine Prescribing Information. In: MIMS Online [Internet]. St Leonards (New South Wales): MIMS Australia; 2022 [cited 2022 Sep 05]. Available from: <https://www.mimsonline.com.au>

Therapeutic Guidelines. Drug use in pregnancy and breastfeeding. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines; 2022 [cited 2022 Sep 06]. Available from: <https://tgldcdp.tg.org.au>

Truven Health Analytics. Midodrine. In: Micromedex [Internet]. Greenwood Village (CO): Truven Health Analytics; 2022 [cited 2022 Sep 06]. Available from: <http://www.micromedexsolutions.com/>

Briggs GC, Freeman RK. Midodrine. In: Drugs in pregnancy and lactation: a reference guide to fetal and neonatal risk [Internet]. 10th ed. Philadelphia (PA): Lippincott Williams & Wilkins; 2022 [cited 2022 Sep 06]. Available from: Books@OVID

Hale TW. Midodrine. In: Hale's Meds [Internet]. New York: Springer Publishing Company; 2022 [cited 2022 Sep 06]. Available from: <https://www-halesmeds-com>

Glatter KA, Tuteja D, Chiamvimonvat N, Hamdan M, Park JK. Pregnancy in postural orthostatic tachycardia syndrome. *Pacing Clin Electrophysiol* 2005;28(6):591–593

Lide B, Haeri S. A Case Report and Review of Postural Orthostatic Tachycardia Syndrome in Pregnancy. *AJP Rep*. 2015 Apr;5(1):e33-6. doi: 10.1055/s-0034-1544106. Epub 2015 Mar 4. PMID: 26199795; PMCID: PMC4502630.

Keywords	Midodrine, postoperative hypotension, POTS				
Document Owner:	Chief Pharmacist				
Author/ Reviewer	KEMH Pharmacy Department				
Version Info:	1.0				
Date First Issued:	Sept 2022	Last Reviewed:	06/09/2022	Review Date:	06/09/2025
Endorsed by:	Medicines and Therapeutics Committee			Date:	04/10/2022
NSQHS Standards Applicable:	<input checked="" type="checkbox"/>  Std 1: Clinical Governance <input type="checkbox"/>  Std 2: Partnering with Consumers <input type="checkbox"/>  Std 3: Preventing and Controlling Healthcare Associated Infection <input checked="" type="checkbox"/>  Std 4: Medication Safety		<input type="checkbox"/>  Std 5: Comprehensive Care <input type="checkbox"/>  Std 6: Communicating for Safety <input type="checkbox"/>  Std 7: Blood Management <input checked="" type="checkbox"/>  Std 8: Recognising and Responding to Acute Deterioration		
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